

3 VACCINE STORAGE & HANDLING

3 EIPV: Poliovirus Vaccine-Inactivated

3 Influenza Vaccine

3 Pneumococcal Polysaccharide Vaccine-Polyvalent

3 Pneumococcal Conjugate Vaccine

3 HIB or HBCV: Haemophilus Conjugate Vaccine

3 Hepatitis A Vaccine

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3 HBIG: Hepatitis B Immune Globulin

3 Measles/Mumps/Rubella-MMR Vaccine

3 Varicella (Chickenpox) Vaccine

3 DTaP: Diphtheria Toxoid, Tetanus Toxoid, Acellular Pertussis Vaccine

3 Td-Adult: Tetanus-Diphtheria Toxoids

3 DT-Pediatric: Diphtheria-Tetanus Toxoids

Reference: Atkinson, W., Furphy, L., Humiston, S., Pollard, B., Nelson, R., Wolfe, C. (ed.), September 1997. Epidemiology and Prevention of Vaccine-Preventable Diseases. 4th ed. Centers for Disease Control and Prevention, Atlanta, GA.

EIPV: Poliovirus Vaccine-Inactivated

Shipping Requirements:

Should be shipped in insulated container with refrigerant.

Condition on Arrival:

Should not have been **frozen**. Refrigerate on arrival.

Storage Requirements:

Refrigerate immediately on arrival. Store at 2-8 degrees C (35-46 degrees F). **Do not freeze.**

Shelf Life:

Up to 18 months. Check date on package.

Instructions for Reconstitution or Use:

Ampoule-1 dose: Tap the ampoule to ensure that the solution is in the lower portion rather than in the neck of the ampoule. With sterile needle and syringe, withdraw the contents of the ampoule into syringe, holding the ampoule in such a way that the point of the needle is kept immersed throughout the withdrawal.

Vial-10 dose: Withdraw 1.0 cc of vaccine into separate sterile needle and syringe for each immunization.

Shelf Life after Reconstitution, or Opening:

Ampoule: Discard if not used immediately.

Vial: Until outdated if not contaminated.

Special Instructions:

Rotate stock so that the shortest dated vaccine is used first. The vaccine should be perfectly clear. Any vaccine showing particulate matter, turbidity, or change of color should be discarded.

Influenza Vaccine

Shipping Requirements:

Should be delivered in the shortest possible time. Should not be exposed to excessive temperatures.

Condition on Arrival:

Should not have been **frozen**. Refrigerate on arrival.

Storage Requirements:

Refrigerate immediately on arrival. Store at 2-8 degrees C (35-46 degrees F). **Do not freeze.**

Shelf Life:

Formulated for use within current influenza season.

Instructions for Reconstitution or Use:

Shake vial vigorously before withdrawing each dose.

Shelf Life after Reconstitution, or Opening:

Until outdated, if not contaminated.

Special Instructions:

Rotate stock so that shortest dated vaccine is used first.

Pneumococcal Polysaccharide Vaccine-Polyvalent

Shipping Requirements:

Should be shipped in insulated container with refrigerant. **Do not freeze.**

Condition on Arrival:

Should not have been **frozen**. Refrigerate on arrival.

Storage Requirements:

Refrigerate immediately on arrival. Store at 2-8 degrees C (35-46 degrees F). **Do not freeze.**

Shelf Life:

Up to 2 years. Check date on container or vial.

Instructions for Reconstitution or Use:

Vials-Shake vial vigorously before withdrawing each dose.

Prefilled Syringes-Follow manufacturer's directions.

Shelf Life after Reconstitution, or Opening:

Until outdated, if not contaminated.

Special Instructions:

Rotate stock so that shortest dated vaccine is used first. **Do not inject intravenously.** Intradermal administration may cause severe local reactions and should be avoided.

9/01

Pneumococcal Conjugate Vaccine

Shipping Requirements:

Should be shipped in insulated container with refrigerant. **Do not freeze.**

Condition on Arrival:

Should not have been **frozen**. Refrigerate on arrival.

Storage Requirements:

Refrigerate immediately on arrival. Store at 2-8 C (36-46 F). **Do not freeze.**

Instructions for Reconstitution or Use:

Shake vial vigorously before withdrawing the dose.

Shelf Life:

1 year. Check date on vial.

Special Instructions:

Rotate stock so that shortest dated vaccine is used first. **Do not inject intravenously.** Intradermal administration may cause severe local reactions and should be avoided.

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HIB or HBCV: Haemophilus Conjugate Vaccine

Shipping Requirements:

Should be shipped in insulated container to help prevent **freezing**.

Condition on Arrival:

Should not have been **frozen**. Refrigerate on arrival.

Storage Requirements:

Refrigerate immediately on arrival. Store at 2-8 degrees C (35-46 degrees F). **Do not freeze**-this reduces potency.

Shelf Life:

Up to 2 years. Check date on vial or container.

Instructions for Reconstitution or Use:

Reconstitute before use. If the product requires reconstitution, record date of reconstitution on vial. Use only diluent supplied.

Shelf Life after Reconstitution, or Opening:

Multidose vials-Stable for 30 days after reconstitution if stored at 2-8 degrees C (35-46 degrees F) when not in use.

Single dose vials-Discard unused reconstituted vials after 8 hours.

Special Instructions:

Rotate stock so that the shortest dated vaccine is used first.

Hepatitis A Vaccine

Shipping Requirements:

Use insulated container. Must be shipped with refrigerant.

Condition on Arrival:

Should not have been **frozen**. Refrigerate on arrival.

Storage Requirements:

Refrigerate immediately on arrival. Store at 2-8 degrees C (35-46 degrees F). **Do not freeze.**

Shelf Life:

Up to 3 years. Check date on vial or container.

Instructions for Reconstitution or Use:

Shake vial vigorously before withdrawing each dose.

Shelf Life after Reconstitution, or Opening:

Until outdated, if not contaminated.

Special Instructions:

Rotate stock so that the shortest dated material is used first.

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Hepatitis B Vaccine

Shipping Requirements:

Use insulated container. Must be shipped with refrigerant.

Condition on Arrival:

Should not have been **frozen**. Refrigerate on arrival.

Storage Requirements:

Refrigerate immediately on arrival. Store at 2-8 degrees C (35-46 degrees F). **Do not freeze.**

Shelf Life:

Up to 3 years. Check date on vial or container.

Instructions for Reconstitution or Use:

Shake vial vigorously before withdrawing each dose.

Shelf Life after Reconstitution, or Opening:

Until outdated, if not contaminated.

Special Instructions:

Rotate stock so that shortest dated vaccine is used first.

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HBIG: Hepatitis B Immune Globulin

Shipping Requirements:

Should be shipped in insulated container.

Condition on Arrival:

Should not have been **frozen**. Refrigerate on arrival.

Storage Requirements:

Refrigerate immediately on arrival. Store at 2-8 degrees C (35-46 degrees F). **Do not freeze.**

Shelf Life:

Up to 1 year. Check date on vial or container.

Instructions for Reconstitution or Use:

Shake vial vigorously before withdrawing each dose.

Shelf Life after Reconstitution, or Opening:

Until outdated, if not contaminated.

Special Instructions:

Rotate stock so that shortest dated material is used first.

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Measles/Mumps/Rubella-MMR Vaccine, Measles/Rubella-MR Vaccine

Shipping Requirements:

Vaccine-Use insulated container. Must be shipped with refrigerant. Maintain at 10 degrees

C (50 degrees F) or less. If shipped with dry ice, diluent must be shipped separately.

Diluent-May be shipped with vaccine but **do not freeze**.

Condition on Arrival:

Should be below 10 degrees C (50 degrees F). If above this temperature, immediately place material in recommended storage and notify the vaccine manufacturer. **Do not use warm vaccine**. Refrigerate on arrival.

Storage Requirements:

Vaccine may be stored separately from diluent. Store as follows:

Vaccine-Refrigerate immediately on arrival. Store at 2-8 degrees C (35-46 degrees F).

Protect from light at all times, since such exposure may inactivate the virus.

Diluent-May be stored at 15-30 degrees C (59-86 degrees F) room temperature. **Do not freeze**.

Special Note: Freeze dried (lyophilized) vaccines may be maintained at freezer temperatures.

Shelf Life: Vaccine-Up to 2 years. Check date on container or vial.
Diluent-Check date on container or vial.

Instructions for Reconstitution or Use:

Reconstitute just before using. Use **only** the diluent **supplied** to reconstitute the vaccine.

Single Dose Vials - Inject diluent into the vial of lyophilized vaccine and agitate to ensure thorough mixing. Withdraw entire contents into syringe and inject total volume of vaccine subcutaneously.

Multidose Vials - Withdraw **all** diluent from vial into syringe. Inject into vial of lyophilized vaccine and agitate to ensure thorough mixing.

10-Dose Vials - Withdraw 0.5cc of reconstituted vaccine into separate sterile needle and syringe for each immunization. Licensed for jet injector use.

50-Dose Vials - Use on jet injector only, with dosage set at 0.5cc.

Shelf Life after Reconstitution, Thawing, or Opening:

After reconstitution, use immediately or store in a dark place at 2-8 degrees C (35-46 degrees F).

Discard if not used within 8 hours.

Special Instructions:

Rotate stock so that shortest dated vaccine is used first.

10-Dose Vials - May be used for both jet injector and needle and syringe methods of immunization.

Varicella (Chickenpox) Vaccine

Shipping Requirements:

Ship with dry ice only. Should be delivered within 2 days.

Condition on Arrival:

Should be frozen. Vaccine should remain at -20 degrees C (-5 degrees F) until arrival at health care facility. Dry ice should still be present in the shipping container when vaccine is delivered.

Storage Requirements:

Maintain in a continuously frozen state at -15 degrees C (5 degrees F) or colder. **No freeze thaw cycles are allowed with this vaccine.** Vaccine should only be stored in freezers or refrigerator/freezers with separate doors and compartments. Acceptable storage may be achieved in standard household freezers purchased in the last 10 years, and standard household refrigerator/freezers with a separate, sealed freezer compartment. In order to maintain this temperature it will be necessary in most refrigerator/freezer models to turn the temperature dial down to the coldest setting. This may result in the refrigerator compartment temperature being lowered as well. Careful monitoring of the refrigerator temperature to avoid freezing killed or inactivated vaccines will be necessary.

Shelf Life:

Up to 18 months. Check date on package and use the earliest expiration date first.

Instructions for Reconstitution or Use:

This product is a lyophilized (freeze dried) product and should only be reconstituted with the diluent provided with the vaccine. **This vaccine must be used within 30 minutes of reconstitution or should be discarded.**

Special Instructions:

If this vaccine is stored at a temperature warmer than -15 degrees C, it will result in a loss of potency and a reduced shelf life. If a power outage or some other situation occurs that results in the vaccine storage temperature rising above the recommended storage, the health care provider should contact Merck, the manufacturer, at 1-800-9-827-4829 for a re-evaluation of the products potency before using the vaccine.

DTaP: Diphtheria Toxoid, Tetanus Toxoid, Acellular Pertussis Vaccine
DTaP/ACT-Hib: Diphtheria Toxoid, Tetanus Toxoid, Acellular Pertussis Vaccine
Combined with *Haemophilus* Conjugate Vaccine
DTaP-Hib: Diphtheria Toxoid, Tetanus Toxoid, Acellular Pertussis Vaccine
Combined with *Haemophilus* Conjugate Vaccine*

Shipping Requirements:

Should be shipped in insulated container. Maintain temperature at 2-8 degrees C (35-46 degrees F).

Do not freeze or store vaccine in direct contact with refrigerant.

Condition on Arrival:

Should not have been **frozen**. Refrigerate on arrival.

Storage Requirements:

Refrigerate immediately on arrival. Store at 2-8 degrees C (35-46 degrees F). **Do not freeze.**

Shelf Life:

Up to 18 months. Check date on vial or container.

Instructions for Reconstitution or Use:

Shake vial vigorously before withdrawing each dose.

Shelf Life after Reconstitution, or Opening:

Until outdated, if not contaminated.

Special Instructions:

Rotate stock so that the shortest dated material is used first.

* ACTHIB (Aventis Pasteur) should be used within 24 hours of reconstitution if used alone or when reconstituted with Aventis Pasteur DTP. If Aventis Pasteur DTaP is used to reconstitute ACTHIB, the TriHibit vaccine must be used within 30 minutes. Only Aventis Pasteur DTP, DTaP, or the diluent shipped with the product may be used to reconstitute the Aventis Pasteur ACTHIB product. Pedvax Hib (Merck Sharp and Dohme), available in liquid and lyophilized one-dose vials, is good for 24 hours after reconstitution if kept at 2°-8°C (35°-46°F).

Td-Adult: Tetanus-Diphtheria Toxoids
DT-Pediatric: Diphtheria-Tetanus Toxoids

Shipping Requirements:

Should be shipped in insulated container. Maintain temperature at 2-8 degrees C (35-46 degrees F).

Do not freeze or store vaccine in direct contact with refrigerant.

Condition on Arrival:

Should not have been **frozen**. Refrigerate on arrival.

Storage Requirements:

Refrigerate immediately on arrival. Store at 2-8 degrees C (35-46 degrees F). **Do not freeze.**

Shelf Life:

Up to 2 years. Check date on vial or container.

Instructions for Reconstitution or Use:

Shake vial vigorously before withdrawing each dose.

Shelf Life after Reconstitution, Thawing, or Opening:

Until outdated, if not contaminated.

Special Instructions:

Rotate stock so that the shortest dated material is used first.